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TITLE : COLD RESERVING APPARATUS

ABSTRACT : PURPOSE: To provide a cold reserving apparatus generating a mild cold feeling by filling a flexible container at least a part of which is composed of an air permeable material with a polymeric water retaining agent reversibly performing water absorption and evaporation and utilizing the heat of evaporation generated when moisture is evaporated from the polymeric water retaining agent having absorbed water.

CONSTITUTION: A polymeric water retaining agent having a property absorbing a water upon the contact with water and heated upon the contact with the skin to evaporate water to take heat of evaporation to impart a cold feeling selected from polyacrylamide, polyacrylic acid, polyacrylate, isobutylene and polyacrylic ester is received in a flexible container to constitute a cold reserving apparatus. At least a part of the container is composed of an air and water permeable material because the polymeric water retaining agent absorbs water and evaporates absorbed water and it is necessary to perform the contact with the skin and, for example, one surface of the container is composed of an impermeable plastic material. If necessary, the container is partitioned.

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